Philips 5000 series
LCD TV with Pixel Plus HD

37"

Full HD 1080p digital TV

37PFL5405H

Entertainment comes to life

With true to life FHD picture performance

Live the moment as if you were there with Pixel Plus HD and an impressive invisible sound.

Your entertainment in brilliant detail

- Full HD TV with Pixel Plus HD for better details and clarity
- 100Hz LCD, 2ms performance for superb motion sharpness
- HD Natural Motion for ultra smooth motion in Full HD movies

Rich and clear sound.

- 2.1 system for 40W surround sound (2x10W plus virtual 20W)*
- Hear every word with Clear Sound

Complete digital connectivity made simple

- Seamless connectivity with 3 HDMI inputs and Easylink
- USB for fantastic multimedia playback
- PC-input allows you to use your TV as a PC monitor
- Integrated MPEG-4 tuner for HD reception without set top box

Greener every day

- 0W Power Consumption when switch off

NL/22/001

PHILIPS

sense and simplicity

LCD TV with Pixel Plus HD
37" Full HD 1080p digital TV

37PFL5405H/12

Highlights

Pixel Plus HD

Pixel Plus HD offers the unique combination of ultimate sharpness, natural detail, vivid colors and smooth natural motion on all qualities of HD, standard TV signals and multimedia content, for high definition displays. Artifacts and noise in all sources from multimedia to standard TV and also in highly compressed HD are detected and reduced ensuring that the picture is clear and razor sharp.

100Hz LCD, 2ms response time

100Hz LCD creates extreme motion sharpness for clear and vibrant images even with fast on-screen motion. It increases the sharpness of motion reproduction to more than twice that of conventional LCD, resulting in a performance with a response time of 2 milliseconds (measured in Perceived Blur-Edge-Width; BEW). This unique Philips technology brings motion sharpness of LCD displays to an unprecedented level.

HD Natural Motion

Philips invented HD Natural Motion to minimize juddering effects that are visible with movie based picture content. The award winning algorithm estimates motion in the picture and corrects juddering movements in both broadcast and recorded movie material (such as DVD and Blu-ray Disc). The resulting smooth motion reproduction and excellent sharpness take the viewing experience to a higher level.

2.1 sound system 40 W*

Virtual 2.1 speaker system for an incredible 40W sound (2x10W + 20W Virtual Power*). *This virtual 2.1 speaker system manages power intelligently to deliver twice the original power supplied and produces an excellent bass. Enjoy the purity and detailed sound with the additional dome tweeter which delivers uncompromised sound in a slim invisible speaker design.

Clear Sound

Critical moments in a movie or your favorite show are too often missed. Clear Sound is an innovative audio technology that significantly increases the intelligibility of vocalizations, whether spoken or sang. It ensures you hear every word, so you can enjoy what you're watching to the fullest.

3 HDMI inputs with Easylink

HDMI is a single cable to carry both picture and audio signals from your devices to your TV, saving you from cable clutter. It carries uncompressed signals, ensuring that you have the highest quality from source to screen. Together with Philips Easylink, you need only one remote control to perform most operations on your TV, DVD, BluRay, set top box or home theatre system. Enjoy high quality picture and sound without clutter or fuss.

USB (multimedia)

The USB connector allows access to jpeg photos, mp3 music and video files of most USB-sticks (USB memory-class device). Plug the USB into the slot at the side of the TV and access the multimedia content using the easy on screen content browser. You can now view and share your videos, photos and music.

PC input (VGA)

With PC input you can connect your TV to a computer by a VGA cable and use the TV as a PC monitor.

Integrated DVB tuner MPEG-4

The integrated digital tuner lets you receive digital cable and terrestrial TV without an additional set top box. Enjoy quality TV clutter free.

Pixel Plus HD
100Hz CLEARLCD 2 ms
HD Natural Motion
Full HD 1080p
40W 2.1 VIRTUAL
Clear Sound
HDMI x3 with easyLINK
USB
TV PC-IN

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Specifications

Picture/Display
- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Dynamic screen contrast: 100,000:1
- Response time (typical): 2 ms
- Viewing angle: 178° (H) / 178° (V)
- Diagonal screen size: 37 inch / 94 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920x1080p
- Picture enhancement: Pixel Plus HD, Active Control + Light sensor, Color Enhancement, 100Hz Clear LCD, Color Transient Improvement, Contrast Plus, Digital Noise Reduction, Dynamic contrast enhancement, Jagged Line Suppression, Luminance Transient Improver, Progressive scan, 2D/3D noise reduction, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 768	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1920 x 1080	60Hz

- Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576i	50Hz
576p	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	24, 25, 30, 50, 60Hz

Sound
- Output power (RMS): 2 x 10W
- Sound Enhancement: Auto Volume Leveller, Dynamic Bass Enhancement, Incredible Surround, Treble and Bass Control, Clear Sound
- Sound System: Dolby Digital (AC-3), Nicam Stereo

Convenience
- Child Protection: Child Lock+Parental Control
- Ease of Installation: Channel installation wizard, Settings assistant wizard, Device connection wizard, Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Fine Tuning, PLL Digital Tuning
- Ease of Use: Auto Volume Leveller (AVL), Graphical User Interface, On Screen Display, Program List, Settings assistant Wizard, Side Control, Demo mode, Onscreen Usermanual, EasyLink, Favorite program selection, Mozaïc channel grid, Simplified Remote Control
- Electronic Program Guide: Now + Next EPG, 8day Electronic Program Guide*
- Remote Control: TV
- Remote control type: PF01E10B
- Automatic Screen Format: Autofill (no black bars), Autozoom (no distortion), Dynamic black bar detection, includes:, 16:9, Widescreen, Superzoom, WSS / AFD format bit detection, Viewport link, Logo suppression, Dynamic subtitle shift, Format selection per input, PC signal mode
- Teletext: 1000 page Smart Text
- Firmware upgradeable: Firmware upgradeable via USB
- Multimedia: USB autobreak-in, USB media browser
- Smart mode: Personal, Vivid, Cinema, Game, Energy saving, Standard

Multimedia Applications
- Multimedia connections: USB
- Picture Playback Formats: JPEG
- Music Playback Formats: MP3, WMA (v2 up to v9.2), AAC
- Video Playback Formats: Codec support:, H264/ MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, Containers: AVI, MKV

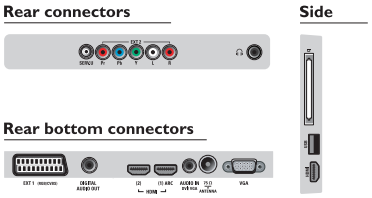
Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L', DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB Terrestrial *, DVB-T MPEG2*, DVB-T MPEG4*, DVB-C MPEG4*
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity
- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Number of Scarts: 1
- Ext 3: YPbPr, Audio L/R in
- HDMI 1: HDMI v1.4 (Audio Return Ch.)
- HDMI 2: HDMI v1.3
- HDMI Side: HDMI v1.3
- Front / Side connections: HDMI v1.3, USB, Common Interface Slot (CI-CI+)
- Other connections: Headphone out, PC Audio in, PC-In VGA, S/PDIF out (coaxial), Common Interface
- EasyLink (HDMI-CEC): One touch play, EasyLink, Pixel Plus link, Remote control pass-through, System audio control, System standby
- Audio Output - Digital: Coaxial (cinch)

Power
- Ambient temperature: 5 °C to 35 °C
- Mains power: 220-240V, 50-60Hz
- Power consumption (typical): 89.3 W
- Standby power consumption: 0.15 W

Dimensions
- Set dimensions (W x H x D): 927.5 x 587.4 x 99.6 mm
- Set dimensions with stand (W x H x D): 927.5 x 634 x 270 mm
- Weight incl. Packaging: 14.1 kg
- Product weight: 9.55 kg
- Product weight (+stand): 11.55 kg
- Box dimensions (W x H x D): 1112 x 650 x 158 mm
- Color cabinet: High gloss black deco front with black cabinet
- Compatible wall mount: adjustable 200 x 300mm

Accessories
- Included accessories: Table top stand, Power cord, Quick start guide, Registration card, Warranty certificate, Remote Control, 2 x AAA Batteries, Safety/legal instructions, Software declaration



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* 8 days EPG, service not available in all countries
* DVB-T, supported in selected countries only
* DVB-C in selected countries and for selected operators only. Most up to date information is available on the type plate of the TV.
* The TV supports DVB reception for 'Free to air' broadcast. Specific DVB operators may not be supported. An up to date list can be found in the FAQ section of the Philips support website. For some operators Conditional Access and subscripction are required. Contact your operator for more information.